

+

RECEIVED
2003

Complete if Known

Application Number	09/973,862
Filing Date	October 11, 2009
First Named Inventor	AMMANN et al.
Group Art Unit	1631
Examiner Name	Brusca, J.
Attorney Docket Number	2599-104-D4

(use as many sheets as necessary)

Sheet 1 of 2

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

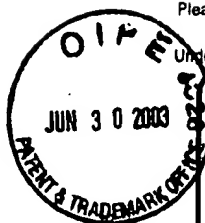
**Examiner
Signature**

Date
Considered

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	2
-------	---	----	---

Complete if Known

Application Number	09/973,862
Filing Date	October 11, 2009
First Named Inventor	AMMANN et al.
Group Art Unit	1631
Examiner Name	Brusca, J.
Attorney Docket Number	2599-104-D4

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

[illegible]

**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(PTO/SB/08)**



Complete if Known

Application Number	09/973,862
Filing Date	October 11, 2001
First Named Inventor	Kelly G. AMMANN
Group Art Unit	1634
Examiner Name	Frank Wei Min Lu
Attorney Docket Number	2599-104-D4
Customer No.	6449

Sheet	1	of	1	Confirmation No.	8811
-------	---	----	---	------------------	------

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
<i>W</i>	1	6,277,332	B1	SUCHOLEIKI	08-21-2001
<i>↓</i>	2	6,517,782	B1	HORNER et al.	02-11-2003
<i>↓</i>	3	6,517,783	B2	HORNER et al.	02-11-2003

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			

Examiner
Signature

Wei Lu

Date
Considered

7/22/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	09/973,862
Filing Date	October 11, 2001
First Named Inventor	Kelly G. Ammann
Art Unit	1634
Examiner Name	Lu, F.
Attorney Docket Number	GP095-06.DV4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>u</i>	<input checked="" type="checkbox"/>	US- 5,089,233	02-18-1992	DeVaney, Jr., et al.	
	<input checked="" type="checkbox"/>	US- 5,154,888	10-13-1992	Zander et al.	
	<input checked="" type="checkbox"/>	US- 5,229,297	07-20-1993	Schnipelsky et al.	
	<input checked="" type="checkbox"/>	US- 5,288,463	02-22-1994	Chemelli	
	<input checked="" type="checkbox"/>	US- 5,374,395	12-20-1994	Robinson et al.	
	<input checked="" type="checkbox"/>	US- 5,422,271	06-06-1995	Chen et al.	
	<input checked="" type="checkbox"/>	US- 5,460,780	10-24-1995	Devaney, Jr., et al.	
	<input checked="" type="checkbox"/>	US- 5,538,849	07-23-1996	Uematsu et al.	
	<input checked="" type="checkbox"/>	US- 5,578,270	11-26-1996	Reichler et al.	
	<input checked="" type="checkbox"/>	US- 5,714,380	02-03-1998	Neri et al.	
	<input checked="" type="checkbox"/>	US- 6,043,880	03-28-2000	Andrews et al.	
	<input checked="" type="checkbox"/>	US- 6,103,193	08-15-2000	Iwahashi et al.	
	<input checked="" type="checkbox"/>	US- 6,586,234 B1	07-01-2003	Burg et al.	
	<input checked="" type="checkbox"/>	US- 2002/0031446 A1	03-14-2002	Friedlander et al.	
	<input checked="" type="checkbox"/>	US- 2002/0086417 A1	07-04-2002	Chen	
	<input type="checkbox"/>	US-			
	<input type="checkbox"/>	US-			
	<input type="checkbox"/>	US-			
	<input type="checkbox"/>	US-			

FOREIGN PATENT DOCUMENTS


Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
<i>u</i>	<input checked="" type="checkbox"/>	EP 0 640 828 B1	05-10-2000	F. Hoffmann-La Roche AG		
	<input type="checkbox"/>					
	<input type="checkbox"/>					
	<input type="checkbox"/>					
	<input type="checkbox"/>					
	<input type="checkbox"/>					

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.


 5, no persons are required to be present for the

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/973,862
Filing Date	October 11, 2001
First Named Inventor	AMMANN t al.
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	2599-104-D4

(use as many sheets as necessary)

Sheet 1 of 1

[illegible][illegible]

7/22/2025

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

+

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Complet if Kn wn

Application Number	09/973,862
Filing Date	October 11, 2001
First Named Inventor	AMMANN et al.
Group Art Unit	1631
Examiner Name	Brusca, J.
Attorney Docket Number	2599-104-D4

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	2599-104-D4
-------	---	----	---	------------------------	-------------

[illegible][illegible]

RECEIVED

~~OCT 08 2002~~

~~TECH CENTER 1600/290~~

Take in

Date
Considered

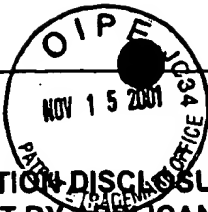
7/22/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+



**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)**
(PTO/SB/08)

COMPLETE IF KNOWN

Application Number 09/973,862
Filing Date October 11, 2001
First Named Inventor Kelly G. AMMANN et al.
Group Art Unit Unknown
Examiner Name Unknown
Attorney Docket Number 2599-104-D4
Today's Date 11/15/01

TECH CENTER 1600/2900
NOV 19 2001

RECEIVED

Sheet 1 of 1

U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	CITE NO. ¹	U.S. PATENT DOCUMENT		NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	DATE OF PUBLICATION OF CITED DOCUMENT MM-DD-YYYY
		NUMBER	KIND CODE (IF KNOWN)		
<i>m</i>	A1	6,042,786		Oonuma et al.	03-28-2000
	A2				
	A3				
	A4				
	A5				
	A6				
	A7				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	CITE NO.	FOREIGN PATENT DOCUMENT			NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	DATE OF PUBLICATION OF CITED DOCUMENT MM-DD-YYYY	T ²
		OFFICE	NUMBER	KIND CODE (IF KNOWN)			
	A8						
	A9						
	A10						
	A11						
	A12						

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ³
	A13		
	A14		
	A15		
	A16		
	A17		
	A18		

Examiner
Signature

W. L. C.

Date Considered

11/22/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

BC973 U.S. PTO
09/973862
10/11/01

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. PM256656	SERIAL NO. 09/303,030
	APPLICANT AMMANN et al.	
	FILING DATE April 30, 1999	GROUP 1631

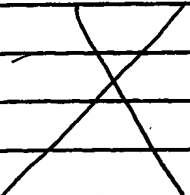
U.S. PATENT DOCUMENTS											
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	FILING DATE (IF APPROPRIATE)
<i>W</i>	6	1	1	7	3	9	2	9/12/00	Hanawa et al.		
<i>J</i>	6	1	1	7	3	9	8	9/12/00	Bienhaus et al.		
<i>J</i>	6	1	1	7	6	8	3	9/12/00	Kodama et al.		

FOREIGN PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)										

EXAMINER <i>W</i>	DATE CONSIDERED 7/22/2005
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

Form 1449 U.S. Department of Commerce Patent and Trademark Office <h3 style="text-align: center;">LIST OF MATERIALS CITED BY APPLICANT</h3> <p style="text-align: center;">(Use several sheets if necessary)</p> <p>Date: September 18, 2000</p>	ATTY. DOCKET NO. 2599-104 APPLICANT Kelly G. AMMANN et al. FILING DATE April 30, 1999	SERIAL NO. 09/303,030 GROUP 1631
---	--	---

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
m	AA	5,750,338	05/12/1998	Collins et al.	435	6	05/03/1994
	AB	6,033,880	03/07/2000	Haff et al.	435	91.1	02/23/1998
	AC	6,096,272	08/01/2000	Clark et al.	422	64	05/22/1998
	AD	6,110,678	08/29/2000	Weisburg et al.	435	6	05/01/1998
↓	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	AI						
	AJ						
	AK						
	AL						

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
EXAMINER INITIAL	DOCUMENT NUMBER	TITLE
	AM	
	AN	
	AO	
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. PM256656	SERIAL NO. 09/303,030
	APPLICANT AMMANN et al.	
	FILING DATE April 30, 1999	GROUP 1643

COPY

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS
<i>u</i>	5	5	7	1	3	2	5		11/05/96	Ueyama et al.		
<i>u</i>	5	8	2	6	1	2	9		10/20/98	Hasebe et al.		

FOREIGN PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
				</									

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)											

EXAMINER	<i>u</i>	DATE CONSIDERED	1/22/2005
----------	----------	-----------------	-----------

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO.	SERIAL NO.
	PM256656	09/303,030
	APPLICANT	
	AMMANN et al.	
	FILING DATE	GROUP
	April 30, 1999	1643

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>m</i>	6	0	5	1	1	0	1	4/18/00	Ohtani et al.			

FOREIGN PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER	<i>Whe in</i>	DATE CONSIDERED	<i>7/22/05</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. PM256656	SERIAL NO. 09/303,030
	APPLICANT AMMANN et al.	
	FILING DATE April 30, 1999	GROUP 1643

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>u</i>	6	0	3	3	5	7	4	3/07/00	Siddiqi				

FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)												

EXAMINER <i>u</i>	DATE CONSIDERED <i>7/2/2005</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. PM256656	SERIAL NO. 09/303,030
	APPLICANT AMMANN et al.	
	FILING DATE April 30, 1999	GROUP 1643

U.S. PATENT DOCUMENTS											
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	FILING DATE (IF APPROPRIATE)
<i>me</i>	5	9	4	8	6	9	1	9/07/99	Ekiriwang et al.		
	5	9	8	5	6	7	0	11/16/99	Markin		
	5	9	8	5	6	7	1	11/16/99	Leistner et al.		
	5	9	8	5	6	7	2	11/16/99	Kegelman et al.		
	5	9	9	8	2	0	1	12/07/99	Maes et al.		

FOREIGN PATENT DOCUMENTS											
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	TRANSLATION
											YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)										

EXAMINER <i>me</i>	DATE CONSIDERED <i>1/23/2005</i>
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Citations for New Divisional of Serial
No. 09/303,030
Attorney Docket: 2599-104-D4
Page 10 of 27

Atty. No.
Dkt. No.

Att. No.

256656

GP-095-02.UT

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: AMMANN et al.

Appn. No.: 09/303,030

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: 1643

Date: December 29, 1999

Page 1 of 1

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>u</i>	AR 5,470,744	11/1995	Astle			
<i>u</i>	BR 5,389,339	02/1995	Petschek et al.			
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
<i>u</i>	OR 0 628 824A1	12/1994	EUROPE	Kuster						
	PR WO/93/03383	02/1993	PCT	Burkovich et al.						
	QR DE9405224	05/1994	DE	KODAK AG						
<i>u</i>	RR 0502638A2	09/1992	EUROPE	Carey et al.						
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR									
	ZR									
	AAR									
	BBR									
	CCR									
	DDR									

Examiner

Date Considered: 7/23/2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

Citations for New Divisional of Serial
No. 09/303,030
Attorney Docket: 2599-104-D4
Page 11 of 27

256656

GP-095-02.UT

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: AMMANN et al.

Appln. No.: 09/303,030

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: 1643

Date: October 13, 1999

Page 1 of 1

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
								Enclosed	No	Enclose	No
<i>u</i>	OR	WO 93/25912	12/1993	PCT	HAWKINS						
<i>u</i>	PR	0 171 140	02/1986	EUROPE	SUZUKI						
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (including in this order: Author, Title, Periodical Name, Date, Reprint, Pages, etc.)

	YR										
	ZR										
	AAR										
	BBR										
	CCR										
	DDR										

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. PM256656	SERIAL NO. 09/303,030
	APPLICANT AMMANN et al.	
	FILING DATE April 30, 1999	GROUP 1643

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>u</i>	5	8	9	7	7	8	3	04/27/99	Howe et al.			

FOREIGN PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER	<i>u</i>	DATE CONSIDERED	7/23/2005
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

INFORMATION DISCLOSURE STATEMENT

Date: June 11, 1999

Page 1 of 1

Applicant: AMMANN et al.

Appl. No.: 09/303,030

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>u</i>	AR	4,170,625	10/1979	Welch			
	BR	4,895,650	01/1990	Wang			
	CR	5,482,861	01/1996	Clark et al.			
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Readily Available	
								Enclosed	No	Enclose	No
<i>u</i>	OR	0 136 126	04/1985	EP	Adams et al.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	QR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	TR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	UR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	VR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	WR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	XR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OTHER (including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR										
	ZR										
	AAR										
	ABR										
	ACR										
	ADR										

F. mner

Date Considered: 7/23/2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 1 of 12

Applicant: AMMANN et al.

Appln. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>W</i>	AR	Re. 31,108	12/1982	GINSBURG et al.			
	BR	Re. 31,150	02/1983	GINSBURG et al.			
	CR	749,104	01/1904	SCHOENEFELDT			
	DR	1,010,016	11/1911	CAMPAU			
	ER	3,504,376	03/1970	BENDNAR et al.			
	FR	3,562,962	02/1971	OHNO			
	GR	3,565,582	02/1971	YOUNG			
	HR	3,644,095	02/1972	NETHELER et al.			
	IR	3,676,076	07/1972	GRADY			
	JR	3,754,444	08/1973	URE et al.			
	KR	3,883,305	05/1975	HOSKINS et al.			
	LR	3,985,649	10/1976	EDDELMAN			
	MR	4,039,288	08/1977	MORAN			
	NR	4,054,415	10/1977	SELIGSON et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
							Enclosed	No
	OR						<input type="checkbox"/>	<input type="checkbox"/>
	PR						<input type="checkbox"/>	<input type="checkbox"/>
	QR						<input type="checkbox"/>	<input type="checkbox"/>
	RR						<input type="checkbox"/>	<input type="checkbox"/>
	SR						<input type="checkbox"/>	<input type="checkbox"/>
	TR						<input type="checkbox"/>	<input type="checkbox"/>
	UR						<input type="checkbox"/>	<input type="checkbox"/>
	VR						<input type="checkbox"/>	<input type="checkbox"/>
	WR						<input type="checkbox"/>	<input type="checkbox"/>
	XR						<input type="checkbox"/>	<input type="checkbox"/>

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR							
	ZR							
	AAR							
	ABR							
	ACR							
	ADR							

Examiner

W. C. C.

Date Considered:

1/22/2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

To U.S. Department of Commerce
Patent and Trademark Office

Atty.
Dkt. No.

M#
256656

INFORMATION DISCLOSURE STATEMENT

Applicant: AMMANN et al.

Appn. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

Date: April 30, 1999

Page 2 of 12

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>m</i>	AR	4,169,125	09/1979	RODRIQUEZ et al.			
	BR	4,234,539	11/1980	GINSBERG et al.			
	CR	4,235,840	11/1980	MENDOZA et al.			
	DR	4,268,477	05/1981	HERZSTARK			
	ER	4,276,051	06/1981	GINSBERG et al.			
	FR	4,298,571	11/1981	DIFULVIO et al.			
	GR	4,305,668	12/1981	BILBREY			
	HR	4,313,735	02/1982	YAMASHITA et al.			
	IR	4,315,891	02/1982	SAKURADA			
	JR	4,344,768	08/1982	PARKER et al.			
	KR	4,346,056	08/1982	SAKURADA			
	LR	4,366,119	12/1982	TAKEUCHI			
	MR	4,451,433	05/1984	YAMASHITA et al.			
	NR	4,459,265	07/1984	BERGLUND			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
							Enclosed	No
	OR						<input type="checkbox"/>	<input type="checkbox"/>
	PR						<input type="checkbox"/>	<input type="checkbox"/>
	QR						<input type="checkbox"/>	<input type="checkbox"/>
	RR						<input type="checkbox"/>	<input type="checkbox"/>
	SR						<input type="checkbox"/>	<input type="checkbox"/>
	TR						<input type="checkbox"/>	<input type="checkbox"/>
	UR						<input type="checkbox"/>	<input type="checkbox"/>
	VR						<input type="checkbox"/>	<input type="checkbox"/>
	WR						<input type="checkbox"/>	<input type="checkbox"/>
	XR						<input type="checkbox"/>	<input type="checkbox"/>

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR							
	ZR							
	AAR							
	ABR							
	ACR							
	ADR							

Examiner

Sub in

Date Considered:

1/22/2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 3 of 12

Applicant: AMMANN et al.

Appln. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>m</i>	AR	4,478,095	10/1984	BRADLEY et al.			
	BR	4,479,720	10/1984	MOCHIDA et al.			
	CR	4,483,823	11/1984	UMETSU et al.			
	DR	4,483,927	11/1984	TAKEKAWA			
	ER	4,497,774	02/1985	SCORDATO			
	FR	4,501,164	02/1985	STOCKDALE et al.			
	GR	4,528,159	07/1985	LISTON			
	HR	4,595,562	06/1986	LISTON et al.			
	IR	4,612,289	09/1986	FURUTA et al.			
	JR	4,647,432	03/1987	WAKATAKE			
	KR	4,678,752	07/1987	THORNE et al.			
	LR	4,695,430	09/1987	COVILLE et al.			
	MR	4,699,766	10/1987	YAMASHITA			
<i>✓</i>	NR	4,731,225	03/1988	WAKATAKE			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	QR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	TR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	UR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	VR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	WR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	XR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OTHER (including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR									
	ZR									
	AAR									
	ABR									
	ACR									
	ADR									

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 4 of 12

Applicant: AMMANN et al.

Appln. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>u</i>	AR	4,747,693	05/1988	KAHL			
	BR	4,761,268	08/1988	ANDERSON et al.			
	CR	4,764,342	08/1988	KELLN et al.			
	DR	4,774,055	09/1988	WAKATAKE et al.			
	ER	4,781,891	11/1988	GALLE et al.			
	FR	4,834,944	05/1989	WAKATAKE			
	GR	4,844,868	07/1989	ROKUGAWA			
	HR	4,848,917	07/1989	BENIN et al.			
	IR	4,855,110	08/1989	MARKER et al.			
	JR	4,865,986	09/1989	COY et al.			
	KR	4,883,644	11/1989	PERLMAN			
	LR	4,908,186	03/1990	SAKAMAKI			
	MR	4,908,320	03/1990	ZAKOWSKI et al.			
<i>v</i>	NR	4,919,887	04/1990	WAKATAKE			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
							Enclosed	No
	OR						<input type="checkbox"/>	<input type="checkbox"/>
	PR						<input type="checkbox"/>	<input type="checkbox"/>
	QR						<input type="checkbox"/>	<input type="checkbox"/>
	RR						<input type="checkbox"/>	<input type="checkbox"/>
	SR						<input type="checkbox"/>	<input type="checkbox"/>
	TR						<input type="checkbox"/>	<input type="checkbox"/>
	UR						<input type="checkbox"/>	<input type="checkbox"/>
	VR						<input type="checkbox"/>	<input type="checkbox"/>
	WR						<input type="checkbox"/>	<input type="checkbox"/>
	XR						<input type="checkbox"/>	<input type="checkbox"/>

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.):

	YR							
	ZR							
	AAR							
	ABR							
	ACR							
	ADR							

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 5 of 12

Applicant: AMMANN

Appln. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>W</i>	AR	4,961,906	10/1990	ANDERSON et al.			
	BR	4,965,049	10/1990	LILLIG et al.			
	CR	5,051,238	09/1991	UMETSU et al.			
	DR	5,084,242	01/1992	SAKUMA et al.			
	ER	5,104,231	04/1992	COLLIER et al.			
	FR	5,104,621	04/1992	PFOST et al.			
	GR	5,104,807	04/1992	MITSUMAKI et al.			
	HR	5,104,808	04/1992	LASKA et al.			
	IR	5,122,343	06/1992	ISHIZAKA et al.			
	JR	5,128,103	07/1992	WANG et al.			
	KR	5,139,743	08/1992	ISHIZAKA et al.			
	LR	5,141,871	08/1992	KURESHY et al.			
	MR	5,147,610	09/1992	WATANABE et al.			
<i>W</i>	NR	5,154,889	10/1992	MURAISHI			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	QR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	TR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	UR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	VR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	WR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	XR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OTHER (Including in this order: Author; Title; Periodical Name; Date; Pertinent Pages, etc.)

	YR									
	ZR									
	AAR									
	ABR									
	ACR									
	ADR									

Examiner

W. L. W.

Date Considered:

1/22/2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

To: U.S. Department of Commerce
Patent and Trademark Office

Atty.
Dkt. No.

M#

256656

GP-095-02.UT

INFORMATION DISCLOSURE STATEMENT

Applicant: AMMANN

Appl. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

Date: April 30, 1999

Page 6 of 12

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (If appropriate)
<i>W</i>	AR	5,167,448	12/1992	HEROLD et al.			
	BR	5,183,638	02/1993	WAKATAKE			
	CR	5,186,827	02/1993	LIBERTI et al.			
	DR	5,192,505	03/1993	SAKAGAMI			
	ER	5,192,506	03/1993	KURESHY et al.			
	FR	5,207,987	05/1993	KURESHY et al.			
	GR	5,215,714	06/1993	OKADA et al.			
	HR	5,240,678	08/1993	LITSCHKE			
	IR	5,240,679	08/1993	STETTLER			
	JR	5,246,665	09/1993	TYRANSKI et al.			
	KR	5,260,028	11/1993	ASTLE			
	LR	5,270,210	12/1993	WEYRAUCH et al.			
	MR	5,277,871	01/1994	FUJII et al.			
<i>W</i>	NR	5,294,404	03/1994	GRANDONE et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	QR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	TR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	UR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	VR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	WR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	XR						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR									
	ZR									
	AAR									
	ABR									
	ACR									
	ADR									

Examiner

Ante in

Date Considered:

7/22/2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449		To: U.S. Department of Commerce Patent and Trademark Office		Atty. Dkt. No.	M# 256656	GP-095-02.UT					
INFORMATION DISCLOSURE STATEMENT				Applicant: AMMANN et al.							
				Appln. No.: New Application							
				Filing Date: April 30, 1999							
Date: April 30, 1999		Page 7 of 12		Examiner: Unknown		Group Art Unit: Unknown					
U.S. PATENT DOCUMENTS											
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)				
m	AR	5,314,663	05/1994	MIMURA							
	BR	5,314,825	05/1994	WEYRAUCH et al.							
	CR	5,316,726	05/1994	BABSON et al.							
	DR	5,318,914	06/1994	MATTE et al.							
	ER	5,320,809	06/1994	DUNN et al.							
	FR	5,320,966	06/1994	MITSUMAKI et al.							
	GR	5,324,481	06/1994	DUNN et al.							
	HR	5,332,549	07/1994	MACINDOE, JR.							
	IR	5,358,691	10/1994	CLARK et al.							
	JR	5,360,741	11/1994	HUNNELL							
	KR	5,380,666	01/1995	WUERSCHUM							
	LR	5,384,094	01/1995	SCHACHER							
	MR	5,415,839	05/1995	ZAUN et al.							
	NR	5,415,840	05/1995	SANO et al.							
	FOREIGN PATENT DOCUMENTS										
		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
								Enclosed	No	Enclose	No
	OR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	QR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	TR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	UR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	VR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	WR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	XR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER (including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)											
	YR										
	ZR										
	AAR										
	ABR										
	ACR										
	ADR										
Examiner <i>Mike m</i>						Date Considered: <i>7/22/2005</i>					
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p>											

FORM PTO-1449

To: U.S. Department of Commerce
Patent and Trademark Office

Atty.

Dkt. No.

256656

Citations for New Divisional of Serial
No. 09/303,030
Attorney Docket: 2599-104-D4
Page 21 of 27

GP-095-02.UT

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 8 of 12

Applicant: AMMANN et al.

Appln. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>u</i>	AR	5,419,871	05/1995	MUSZAK et al.			
	BR	5,424,212	06/1995	PINSL-OBBER et al.			
	CR	5,434,083	07/1995	MITSUMAKI et al.			
	DR	5,439,646	08/1995	TANIMIZU et al.			
	ER	5,445,794	08/1995	WIHLBORG			
	FR	5,451,528	09/1995	RAYMOURE et al.			
	GR	5,466,574	11/1995	LIBERTI et al.			
	HR	5,482,839	01/1996	ASHIHARA et al.			
	IR	5,525,300	06/1996	DANSSAERT et al.			
	JR	5,536,475	07/1996	MOUBAYED et al.			
	KR	5,558,839	09/1996	MATTE et al.			
	LR	5,567,595	10/1996	KOK			
	MR	5,571,481	11/1996	POWELL et al.			
<i>✓</i>	NR	5,575,976	11/1996	CHOPERENA et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
								Enclosed	No	Enclose	No
	OR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	QR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	TR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	UR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	VR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	WR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	XR							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR									
	ZR									
	AAR									
	ABR									
	ACR									
	ADR									

Examiner

John W.

Date Considered:

7/22/2001

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

To: U.S. Department of Commerce
Patent and Trademark Office

Atty. Dkt. No. 256656

GP-095-02.U1

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 9 of 12

Applicant: AMMANN et al.

Appln. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>W</i>	AR	5,576,215	11/1996	BURNS et al.			
	BR	5,578,269	11/1996	YAREMKO et al.			
	CR	5,580,524	12/1996	FORREST et al.			
	DR	5,585,068	12/1996	PANETZ et al.			
	ER	5,587,129	12/1996	KUROSAKI et al.			
	FR	5,595,707	01/1997	COPELAND et al.			
	GR	5,599,501	02/1997	CAREY et al.			
	HR	5,605,665	02/1997	CLARK et al.			
	IR	5,610,069	03/1997	CLARK et al.			
	JR	5,620,898	04/1997	YAREMKO et al.			
	KR	5,635,364	06/1997	CLARK et al.			
	LR	5,637,275	06/1997	CAREY et al.			
	MR	5,639,425	06/1997	KOMIYAMA et al.			
<i>W</i>	NR	5,646,049	07/1997	TAYI			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
							Enclosed	No
	OR						<input type="checkbox"/>	<input type="checkbox"/>
	PR						<input type="checkbox"/>	<input type="checkbox"/>
	QR						<input type="checkbox"/>	<input type="checkbox"/>
	RR						<input type="checkbox"/>	<input type="checkbox"/>
	SR						<input type="checkbox"/>	<input type="checkbox"/>
	TR						<input type="checkbox"/>	<input type="checkbox"/>
	UR						<input type="checkbox"/>	<input type="checkbox"/>
	VR						<input type="checkbox"/>	<input type="checkbox"/>
	WR						<input type="checkbox"/>	<input type="checkbox"/>
	XR						<input type="checkbox"/>	<input type="checkbox"/>

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR							
	ZR							
	AAR							
	ABR							
	ACR							
	ADR							

Examiner

W

Date Considered:

7/22/2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

To U.S. Department of Commerce
Patent and Trademark Office

Atty.

Dkt. No.

256656

GP-095-02.UT

INFORMATION DISCLOSURE STATEMENT

Applicant: AMMANN

Appln. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

Date: April 30, 1999

Page 10 of 12

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
W	AR	5,653,940	08/1997	CAREY et al.			
	BR	5,658,799	08/1997	CHOPERENA et al.			
	CR	5,670,114	09/1997	SAKAZUME et al.			
	DR	5,670,120	09/1997	DEGENHARDT et al.			
	ER	5,677,188	10/1997	MITSUMAKI et al.			
	FR	5,679,309	10/1997	BELL			
	GR	5,681,530	10/1997	KUSTER et al.			
	HR	5,693,292	12/1997	CHOPERENA et al.			
	IR	5,698,450	12/1997	RINGROSE et al.			
	JR	5,702,950	12/1997	TAJIMA			
	KR	5,705,062	01/1998	KNOBEL			
	LR	5,720,923	02/1998	HAFF et al.			
	MR	5,730,938	03/1998	CARBONARI et al.			
V	NR	5,730,939	03/1998	KURUMADA et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
							Enclosed	No
	OR						<input type="checkbox"/>	<input type="checkbox"/>
	PR						<input type="checkbox"/>	<input type="checkbox"/>
	QR						<input type="checkbox"/>	<input type="checkbox"/>
	RR						<input type="checkbox"/>	<input type="checkbox"/>
	SR						<input type="checkbox"/>	<input type="checkbox"/>
	TR						<input type="checkbox"/>	<input type="checkbox"/>
	UR						<input type="checkbox"/>	<input type="checkbox"/>
	VR						<input type="checkbox"/>	<input type="checkbox"/>
	WR						<input type="checkbox"/>	<input type="checkbox"/>
	XR						<input type="checkbox"/>	<input type="checkbox"/>

OTHER: (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.):

	YR							
	ZR							
	AAR							
	ABR							
	ACR							
	ADR							

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Atty.
Dkt. No.

M#
256656

GP-095-02.UT

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 11 of 12

Applicant: AMMANN et al.

Appln. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>u</i>	AR	5,736,105	04/1998	ASTLE			
	BR	5,738,827	04/1998	MARQUISS			
	CR	5,741,461	04/1998	TAKAHASHI et al.			
	DR	5,746,977	05/1998	IMAI et al.			
	ER	5,762,872	06/1998	BUHLER et al.			
	FR	5,762,873	06/1998	FANNING et al.			
	GR	5,773,662	06/1998	IMAI et al.			
	HR	5,779,981	07/1998	DANSSAERT et al.			
	IR	5,786,182	07/1998	CATANZARITI et al.			
	JR	5,789,252	08/1998	FUJITA et al.			
	KR	5,795,547	08/1998	MOSER et al.			
	LR	5,807,523	09/1998	WATTS et al.			
	MR	5,814,277	09/1998	BELL et al.			
	NR	5,827,478	10/1998	CAREY et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
							Enclosed	No
	OR						<input type="checkbox"/>	<input type="checkbox"/>
	PR						<input type="checkbox"/>	<input type="checkbox"/>
	QR						<input type="checkbox"/>	<input type="checkbox"/>
	RR						<input type="checkbox"/>	<input type="checkbox"/>
	SR						<input type="checkbox"/>	<input type="checkbox"/>
	TR						<input type="checkbox"/>	<input type="checkbox"/>
	UR						<input type="checkbox"/>	<input type="checkbox"/>
	VR						<input type="checkbox"/>	<input type="checkbox"/>
	WR						<input type="checkbox"/>	<input type="checkbox"/>
	XR						<input type="checkbox"/>	<input type="checkbox"/>

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR							
	ZR							
	AAR							
	ABR							
	ACR							
	ADR							

Examiner

u

Date Considered:

4/22/2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT

Date: April 30, 1999

Page 12 of 12

Applicant: AMMANN et al.

Appln. No.: New Application

Filing Date: April 30, 1999

Examiner: Unknown

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
<i>W</i>	AR	5,827,479	10/1998	YAMAZAKI et al.			
	BR	5,843,376	12/1998	ISHIHARA et al.			
	CR	5,846,491	12/1998	CHOPERENA et al.			
	DR	5,849,247	12/1998	UZAN et al.			
	ER	5,855,847	01/1999	OONUMA et al.			
	FR	5,863,506	01/1999	FARREN			
	GR	5,876,668	03/1999	KAWASHIMA et al.			
	HR	5,882,596	03/1999	BREESER et al.			
	IR	5,882,918	03/1999	GOFFE			
<i>W</i>	JR	5,885,353	03/1999	STRODTBECK et al.			
	KR						
	LR						
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
								Enclosed	No
<i>W</i>	OR	2-66461	03/1990	JAPAN	TANIMIZU			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	PR	4-359154	12/1992	JAPAN	USHIKUBO			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	QR	5-10957	01/1993	JAPAN	MORI			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	RR	62-44663	02/1987	JAPAN	SAGUSA			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	SR	62-863	01/1987	JAPAN	WAKATAKE			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	TR	63-3265	01/1988	JAPAN	MINEKANE			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	UR	2 131 168	06/1984	UK	WAKATAKE et al.			<input type="checkbox"/>	<input type="checkbox"/>
	VR	0 513 618	11/1992	EUROPE	ZABETAKIS et al.			<input type="checkbox"/>	<input type="checkbox"/>
<i>W</i>	WR	41 28 698	03/1993	GERMANY	STROHMEIER et al.			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	XR							<input type="checkbox"/>	<input type="checkbox"/>

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR	
	ZR	
	AAR	
	ABR	
	ACR	
	ADR	

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Notice of References Cited	Application/Control No. 09/303,030	Applicant(s)/Patent Under Reexamination AMMANN ET AL.	
	Examiner Jeffrey Lundgren	Art Unit 1631	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification	
	A	US-5,773,268-	06-1998	Korenberg et al.	435	172.3
	B	US-5,656,493-	08-1997	Mullis et al.	435	286.1
	C	US- -				
	D	US- -				
	E	US- -				
	F	US- -				
	G	US- -				
	H	US- -				
	I	US- -				
	J	US- -				
	K	US- -				
	L	US- -				
	M	US- -				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification	
	N	- -					
	O	- -					
	P	- -					
	Q	- -					
	R	- -					
	S	- -					
	T	- -					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)					
	U						
	V						
	W						
	X						

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(e).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Mike Cu

7/22/2015

JC913 U.S. PT
 02/973862
 10/11/01

[illegible]

FOREIGN PATENT DOCUMENTS															
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
										X					

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
<i>u</i>	van Gemen et al., "The One-tube Quantitative HIV-1 RNA NASBA: Precision, Accuracy, and Application", PCR Methods and Applications, 4:S177-S184 (Cold Spring Harbor Laboratory 1995).

EXAMINER	DATE CONSIDERED
<i>Book in.</i>	<i>7/22/2015</i>

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.